

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT

Intl.  
Appl. No. : PCT/JP2003/016523  
Applicant : Yasuhiro KAJIHARA et al.  
Intl. Appl.  
Filed : December 24, 2003  
TC/A.U. : Not Assigned  
Examiner : Not Assigned  
Dkt. No. : TAM-053  
Cust. No. : 20374

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 23, 2005

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following

10/540503

JC17 Rec'd PCT/PTO 23 JUN 2005

U.S. National Stage of PCT/JP2003/016523  
INFORMATION DISCLOSURE STATEMENT

PATENT

filing of the above-captioned application.

Documents UA, UB and DA to DE are in the English language. Therefore, no concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

Documents FA to FC are not in the English language. However, the concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is believed to be satisfied by the submission of English language abstracts thereof.

Please note that documents UA, FA to FC and DA to DE have been cited in the International Search Report of the present application. A copy of the search report is being filed concurrently herewith. The relevance of each document is also discussed in the search report.

Please also note that document UB is the corresponding U.S. Application Publication to WO 03/008431 A1 which is also cited in the international search report.

10/540503

JC17 Rec'd PTO 23 JUN 2005

U.S. National Stage of PCT/JP2003/016523  
INFORMATION DISCLOSURE STATEMENT

**PATENT**

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
Reg. No. 40,428

Atty. Case No. TAM-053  
The Farragut Building  
Suite 710  
900 17th Street, N.W.  
Washington, D.C. 20006  
Tel: (202) 887-9023  
Fax: (202) 887-9093  
KTK/jbf  
Attachments: PTO-1449  
Ten Documents

INFORMATION DISCLOSURE STATEMENT  PTO-1449	Atty. Docket No. TAM-053	Serial No. 10/540503 Not Assigned
	Applicant: Yasuhiro KAJIHARA et al.	
	Filing Date: June 23, 2005	Group: Not Assigned

## U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA	5,908,766 A	06/01/99	Yamamoto et al.	435	97	
	UB	2004/0181054 A1	09/16/04	Kajihara et al.	536	123.13	
	UC						
	UD						

## FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	2000-169503 A	06/20/00	JP	Abstract
	FB	8-9989 A	01/16/96	JP	Abstract
	FC	2002-45196 A	02/12/02	JP	Abstract
	FD				
	FE				

## OTHER DOCUMENTS

Examiner's Initial		
	DA	Haneda, Katsuji et al., "Transglycosylation of intact sialo complex-type oligosaccharides to the N-acetylglucosamine moieties of glycopeptides by <i>Mucor hiemalis</i> endo- $\beta$ -N-acetylglucosaminidase," <i>Carbohydrate Research</i> , Vol. 292, pp. 61-70, 1996.
	DB	Unverzagt, Carlo, "Building Blocks for Glycoproteins: Synthesis of the Ribonuclease B Fragment 21-25 containing an Undecasaccharide N-Glycan," <i>Tetrahedron Letters</i> , Vol. 38, No. 32, pp. 5627-5630, 1997.
	DC	Unverzagt, Carlo, "Chemoenzymatic synthesis of a sialylated diantennary N-glycan linked to asparagine," <i>Carbohydrate Research</i> , Vol. 305, pp. 423-431, 1998.
	DD	Lin, Chun-Hung et al., "Enzymatic Synthesis of a Sialyl Lewis X Dimer from Egg Yolk as an Inhibitor of E-Selectin," <i>Bioorganic &amp; Medicinal Chemistry</i> , Vol. 3, No. 12, pp. 1625-1630, 1995.
	DE	Inazu, Toshiyuki et al., "Preparation of Fmoc-asparagine Derivatives Having N-Linked Oligosaccharide, and Its Application to the Synthesis of Glycopeptides," <i>Peptide Science</i> , pp. 153-156, 1998.

Examiner:	Date Considered:
-----------	------------------